

UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office Address: COMMISSIONER FOR PATENTS P.O. Box 1450 Alexandria, Virginia 22313-1450

NOTICE OF ALLOWANCE AND FEE(S) DUE

7590

08/10/2007

Thomas L Lockhart Varnum Riddering Schmidt & Howlet Bridgewater Place P O Box 352 Grand Rapids, MI 49501-0352 EXAMINER

DEO, DUY VU NGUYEN

ART UNIT PAPER NUMBER

1765

DATE MAILED: 08/10/2007

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/500,734	11/12/2004	W Daniel Hillis	HMI P1174US1	6724

TITLE OF INVENTION: SWITCHING/LIGHTING CORRELATION SYSTEM

	APPLN. TYPE	SMALL ENTITY	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
٠	nonnrovisional	NO	\$1400	\$300	\$0	\$1700	11/13/2007

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT. <u>PROSECUTION ON THE MERITS IS CLOSED</u>. THIS NOTICE OF ALLOWANCE IS NOT A GRANT OF PATENT RIGHTS. THIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE OFFICE OR UPON PETITION BY THE APPLICANT. SEE 37 CFR 1.313 AND MPEP 1308.

THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN THREE MONTHS FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. THIS STATUTORY PERIOD CANNOT BE EXTENDED. SEE 35 U.S.C. 151. THE ISSUE FEE DUE INDICATED ABOVE DOES NOT REFLECT A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE IN THIS APPLICATION. IF AN ISSUE FEE HAS PREVIOUSLY BEEN PAID IN THIS APPLICATION (AS SHOWN ABOVE), THE RETURN OF PART B OF THIS FORM WILL BE CONSIDERED A REQUEST TO REAPPLY THE PREVIOUSLY PAID ISSUE FEE TOWARD THE ISSUE FEE NOW DUE.

HOW TO REPLY TO THIS NOTICE:

I. Review the SMALL ENTITY status shown above.

If the SMALL ENTITY is shown as YES, verify your current SMALL ENTITY status:

A. If the status is the same, pay the TOTAL FEE(S) DUE shown above.

B. If the status above is to be removed, check box 5b on Part B - Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and twice the amount of the ISSUE FEE shown above, or

If the SMALL ENTITY is shown as NO:

A. Pay TOTAL FEE(S) DUE shown above, or

B. If applicant claimed SMALL ENTITY status before, or is now claiming SMALL ENTITY status, check box 5a on Part B - Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and 1/2 the ISSUE FEE shown above.

II. PART B - FEE(S) TRANSMITTAL, or its equivalent, must be completed and returned to the United States Patent and Trademark Office (USPTO) with your ISSUE FEE and PUBLICATION FEE (if required). If you are charging the fee(s) to your deposit account, section "4b" of Part B - Fee(s) Transmittal should be completed and an extra copy of the form should be submitted. If an equivalent of Part B is filed, a request to reapply a previously paid issue fee must be clearly made, and delays in processing may occur due to the difficulty in recognizing the paper as an equivalent of Part B.

III. All communications regarding this application must give the application number. Please direct all communications prior to issuance to Mail Stop ISSUE FEE unless advised to the contrary.

IMPORTANT REMINDER: Utility patents issuing on applications filed on or after Dec. 12, 1980 may require payment of maintenance fees. It is patentee's responsibility to ensure timely payment of maintenance fees when due.

PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), to: Mail Mail Stop ISSUE FEE

Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450

or <u>Fax</u> (571)-273-2885

INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 5 should be completed where

appropriate. All further indicated unless corrected maintenance fee notifical	ed below or directed oth	ng the Patent, advance or nerwise in Block 1, by (a	ders and notification of) specifying a new con	maintenance fees weespondence address;	ill be and/or	mailed to the current or (b) indicating a separ	ate "FEE ADDRESS" for
	ENCE ADDRESS (Note: Use BI	F	e(s) Transmittal Thi	s certif	icate cannot he used for	domestic mailings of the r any other accompanying t or formal drawing, must	
	7590 08/10	/2007		Cer	tificate	of Mailing or Transm	ission
Thomas L Lock	khart		I	ereby certify that th	is Fee(s	Transmittal is being	deposited with the United class mail in an envelope bove, or being facsimile te indicated below.
	ng Schmidt & How	let	80	dressed to the Mail	Stop	ISSUE FEE address a	bove, or being facsimile
Bridgewater Place P O Box 352	ce		tn	insmitted to the USP	ΓΟ (57	1) 273-2885, on the da	(Depositor's name)
Grand Rapids, M	11 49501-0352		F		•		(Signature)
							(Date)
APPLICATION NO.	FILING DATE		FIRST NAMED INVENTO	PR	ATTO	RNEY DOCKET NO.	CONFIRMATION NO.
10/500,734	11/12/2004		W Daniel Hillis	-	Į.H	IMI P1174US1	6724
•	: SWITCHING/LIGHTI	NG CORRELATION SY	STEM				
APPLN. TYPE	SMALL ENTITY	ISSUE FEE DUE	PUBLICATION FEE DU	PREV. PAID ISSU	E FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	· NO	\$1400	\$300	\$0		\$1700	11/13/2007
EXAM	IINER	ART UNIT	CLASS-SUBCLASS	7			
DEO, DUY V	'U NGUYEN	1765	438-008000	_			
. Change of corresponde	ence address or indicatio	n of "Fee Address" (37	2. For printing on the			•	
CFR 1.363).	ondence address (or Cha	nge of Correspondence	(1) the names of up or agents OR, alterna	to 3 registered patentively.	t attorn	ieys ¹	
Address form PTO/SI	B/122) attached.		(2) the name of a single firm (having as a member a 2				
"Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. Use of a Customer Number is required.			registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.				
. ASSIGNEE NAME A	ND RESIDENCE DATA	A TO BE PRINTED ON T	THE PATENT (print or	ype)			
PLEASE NOTE: Uni	less an assignee is ident h in 37 CFR 3.11. Com	ified below, no assignee pletion of this form is NO	data will appear on the \(\text{a substitute for filing } \)	patent. If an assign n assignment.	ce is ic	lentified below, the do	cument has been filed for
(A) NAME OF ASSIG			(B) RESIDENCE: (CI				
Please check the appropr	iate assignee category or	categories (will not be pr	inted on the patent):	Individual Co	orporati	on or other private grou	up entity Government
la. The following fee(s)	are submitted:	4t	o. Payment of Fee(s): (P	ease first reapply a	ny prev	riously paid issue fee s	hown above)
☐ Issue Fee			A check is enclosed				
Publication Fee (No small entity discount permitted)			Payment by credit card. Form PTO-2038 is attached. The Director is hereby authorized to charge the required fcc(s), any deficiency, or credit any				
Advance Order -	# of Copies		overpayment, to De	by authorized to char posit Account Numb	rge the i	required fee(s), any def (enclose an	extra copy of this form).
_ ~ .	tus (from status indicate				I PN	PITY Con 27 CE	D 1 27(-)(2)
	s SMALL ENTITY state		• •	-		FITY status. See 37 CF	
nterest as shown by the	records of the United Sta	ites Patent and Trademark	Office.	t the applicant; a reg.	sicica	attorney or agent, or the	e assignee or other party in
Authorized Signature				Date			****
	ne				· · · · · · · · · · · · · · · · · · ·		
This collection of informan application. Confiden submitting the complete	nation is required by 37 C tiality is governed by 35 d application form to the	CFR 1.311. The information U.S.C. 122 and 37 CFR USPTO. Time will vary	on is required to obtain of 1.14. This collection is depending upon the in	r retain a benefit by estimated to take 12 lividual case. Any colorer IIS Patent and	he pub minutes mmen	lic which is to file (and is to complete, including its on the amount of time park Office, 115, Dense	by the USPTO to process) g gathering, preparing, and to you require to complete rtment of Commerce, P.O.
ms torm andor suggest	tone for rendering mits on	racit, silvaid be selle to til	Chici mioimanon On	TO THE CONTRACTOR		Oiloo, Oiloi Depa	

Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.



United States Patent and Trademark Office

UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office Address: COMMISSIONER FOR PATENTS P.O. Box 1450 Alexandria, Virginia 22313-1450 www.usplo.gov

	•	•			
APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.	
10/500,734	11/12/2004	W Daniel Hillis	HMI P1174US1	6724	
7	590 08/10/2007	•	EXAMI	NER	
Thomas L Lockl	nart	DEO, DUY VU NGUYEN			
Varnum Riddering Schmidt & Howlet			ART UNIT	PAPER NUMBER	
Bridgewater Place		·	1765	•	
P O Box 352			DATE MAILED: 08/10/2007	,	
Grand Rapids, MI	49501-0352				

Determination of Patent Term Adjustment under 35 U.S.C. 154 (b)

(application filed on or after May 29, 2000)

The Patent Term Adjustment to date is 235 day(s). If the issue fee is paid on the date that is three months after the mailing date of this notice and the patent issues on the Tuesday before the date that is 28 weeks (six and a half months) after the mailing date of this notice, the Patent Term Adjustment will be 235 day(s).

If a Continued Prosecution Application (CPA) was filed in the above-identified application, the filing date that determines Patent Term Adjustment is the filing date of the most recent CPA.

Applicant will be able to obtain more detailed information by accessing the Patent Application Information Retrieval (PAIR) WEB site (http://pair.uspto.gov).

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office of Patent Legal Administration at (571)-272-7702. Questions relating to issue and publication fee payments should be directed to the Customer Service Center of the Office of Patent Publication at 1-(888)-786-0101 or (571)-272-4200.